Ya-Ping Zhang

List of Publications by Year
in descending order

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221 papers	8,204 citations	50170 46 h-index	66788 78 g-index
236 all docs	236 docs citations	236 times ranked	10241 citing authors

#	Article	IF	Citations
1	A Global Deal For Nature: Guiding principles, milestones, and targets. Science Advances, 2019, 5, eaaw2869.	4.7	477
2	Multiple maternal origins of chickens: Out of the Asian jungles. Molecular Phylogenetics and Evolution, 2006, 38, 12-19.	1.2	379
3	mtDNA Data Indicate a Single Origin for Dogs South of Yangtze River, Less Than 16,300 Years Ago, from Numerous Wolves. Molecular Biology and Evolution, 2009, 26, 2849-2864.	3.5	314
4	Ultrasensitive supersandwich-type electrochemical sensor for SARS-CoV-2 from the infected COVID-19 patients using a smartphone. Sensors and Actuators B: Chemical, 2021, 327, 128899.	4.0	303
5	The genomics of selection in dogs and the parallel evolution between dogs and humans. Nature Communications, 2013, 4, 1860.	5.8	275
6	Out of southern East Asia: the natural history of domestic dogs across the world. Cell Research, 2016, 26, 21-33.	5.7	271
7	Genomic Analyses Reveal Potential Independent Adaptation to High Altitude in Tibetan Chickens. Molecular Biology and Evolution, 2015, 32, 1880-1889.	3.5	193
8	Whole-genome sequence of the Tibetan frog Nanorana parkeri and the comparative evolution of tetrapod genomes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1257-62.	3.3	159
9	Pervasive introgression facilitated domestication and adaptation in the Bos species complex. Nature Ecology and Evolution, 2018, 2, 1139-1145.	3.4	157
10	Genetic Convergence in the Adaptation of Dogs and Humans to the High-Altitude Environment of the Tibetan Plateau. Genome Biology and Evolution, 2014, 6, 2122-2128.	1.1	146
11	863 genomes reveal the origin and domestication of chicken. Cell Research, 2020, 30, 693-701.	5.7	144
12	Spatiotemporal Diversification of the True Frogs (GenusRana): A Historical Framework for a Widely Studied Group of Model Organisms. Systematic Biology, 2016, 65, 824-842.	2.7	125
13	Genome-Wide Identification of Long Intergenic Noncoding RNA Genes and Their Potential Association with Domestication in Pigs. Genome Biology and Evolution, 2014, 6, 1387-1392.	1.1	121
14	Genomic incompatibilities in the diploid and tetraploid offspring of the goldfish Ã— common carp cross. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1327-1332.	3.3	119
15	Comparative genomic investigation of high-elevation adaptation in ectothermic snakes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8406-8411.	3.3	119
16	Large-scale molecular phylogeny, morphology, divergence-time estimation, and the fossil record of advanced caenophidian snakes (Squamata: Serpentes). PLoS ONE, 2019, 14, e0216148.	1.1	116
17	Molecular phylogeny of the New World Dipsadidae (Serpentes: Colubroidea): a reappraisal. Cladistics, 2012, 28, 437-459.	1.5	112
18	Biotic interchange between the Indian subcontinent and mainland Asia through time. Nature Communications, 2016, 7, 12132.	5.8	110

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19	Genomic analysis of snub-nosed monkeys (Rhinopithecus) identifies genes and processes related to high-altitude adaptation. Nature Genetics, 2016, 48, 947-952.	9.4	109
20	Domestication Genomics: Evidence from Animals. Annual Review of Animal Biosciences, 2014, 2, 65-84.	3.6	98
21	A novel multilocus phylogenetic estimation reveals unrecognized diversity in Asian horned toads, genus Megophrys sensu lato (Anura: Megophryidae). Molecular Phylogenetics and Evolution, 2017, 106, 28-43.	1.2	78
22	DoGSD: the dog and wolf genome SNP database. Nucleic Acids Research, 2015, 43, D777-D783.	6.5	76
23	Artificial Selection on Brain-Expressed Genes during the Domestication of Dog. Molecular Biology and Evolution, 2013, 30, 1867-1876.	3.5	74
24	Cold Code: the global initiative to <scp>DNA</scp> barcode amphibians and nonavian reptiles. Molecular Ecology Resources, 2013, 13, 161-167.	2.2	72
25	Space for nature. Science, 2018, 361, 1051-1051.	6.0	72
26	The Chinese giant salamander exemplifies the hidden extinction of cryptic species. Current Biology, 2018, 28, R590-R592.	1.8	71
27	ECOLOGY:DNA Banks for Endangered Animal Species. Science, 2000, 288, 275-277.	6.0	70
28	Mitogenomic analyses propose positive selection in mitochondrial genes for high-altitude adaptation in galliform birds. Mitochondrion, 2014, 18, 70-75.	1.6	70
29	Identification and Characterization of MicroRNAs in Ovary and Testis of Nile Tilapia (Oreochromis) Tj ETQq1 1 0.784314 rgBT /Overlock	1.1	69
30	Positive selection rather than relaxation of functional constraint drives the evolution of vision during chicken domestication. Cell Research, 2016, 26, 556-573.	5.7	69
31	Dog10K: an international sequencing effort to advance studies of canine domestication, phenotypes and health. National Science Review, 2019, 6, 810-824.	4.6	65
32	Molecular Phylogeny of Nycticebus Inferred from Mitochondrial Genes. International Journal of Primatology, 2006, 27, 1187-1200.	0.9	62
33	Cellular responses to HSV-1 infection are linked to specific types of alterations in the host transcriptome. Scientific Reports, 2016, 6, 28075.	1.6	61
34	The wild species genome ancestry of domestic chickens. BMC Biology, 2020, 18, 13.	1.7	61
35	Evolutionary history of the mtDNA 9-bp deletion in Chinese populations and its relevance to the peopling of east and southeast Asia. Human Genetics, 2000, 107, 504-512.	1.8	59
36	From asymmetrical to balanced genomic diversification during rediploidization: Subgenomic evolution in allotetraploid fish. Science Advances, 2020, 6, eaaz7677.	4.7	59

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37	Identification of Valid Reference Genes for the Normalization of RT-qPCR Expression Studies in Human Breast Cancer Cell Lines Treated with and without Transient Transfection. PLoS ONE, 2015, 10, e0117058.	1.1	58
38	Population Variation Reveals Independent Selection toward Small Body Size in Chinese Debao Pony. Genome Biology and Evolution, 2016, 8, 42-50.	1.1	57
39	Species groups distributed across elevational gradients reveal convergent and continuous genetic adaptation to high elevations. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10634-E10641.	3.3	57
40	Genetic diversity and conservation of endangered animal species. Pure and Applied Chemistry, 2002, 74, 575-584.	0.9	54
41	Two new susceptibility loci 1q24.2 and 11p11.2 confer risk to severe acne. Nature Communications, 2014, 5, 2870.	5.8	54
42	Quaternary palaeoenvironmental oscillations drove the evolution of the Eurasian Carassius auratus complex (Cypriniformes, Cyprinidae). Journal of Biogeography, 2012, 39, 2264-2278.	1.4	52
43	Convergent genomic signatures of high-altitude adaptation among domestic mammals. National Science Review, 2020, 7, 952-963.	4.6	52
44	Mitochondrial cytochrome b gene sequences of old world monkeys: With special reference on evolution of Asian colobines. Primates, 1998, 39, 39-49.	0.7	51
45	Large numbers of vertebrates began rapid population decline in the late 19th century. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14079-14084.	3.3	50
46	Selection and environmental adaptation along a path to speciation in the Tibetan frog Nanorana parkeri. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5056-E5065.	3.3	49
47	Genomic regions under selection in the feralization of the dingoes. Nature Communications, 2020, 11, 671.	5.8	49
48	Genetic Divergence of Orangutan Subspecies (Pongo pygmaeus). Journal of Molecular Evolution, 2001, 52, 516-526.	0.8	48
49	Mitochondrial Control Region and Population Genetic Patterns of Nycticebus bengalensis and N. pygmaeus. International Journal of Primatology, 2007, 28, 791-799.	0.9	48
50	Genetic adaptations of the plateau zokor in high-elevation burrows. Scientific Reports, 2015, 5, 17262.	1.6	48
51	Genome wide analyses uncover allele-specific RNA editing in human and mouse. Nucleic Acids Research, 2018, 46, 8888-8897.	6.5	47
52	Herpetological phylogeographic analyses support a Miocene focal point of Himalayan uplift and biological diversification. National Science Review, 2021, 8, nwaa263.	4.6	46
53	Ancient Hybridization with an Unknown Population Facilitated High-Altitude Adaptation of Canids. Molecular Biology and Evolution, 2020, 37, 2616-2629.	3.5	46
54	DomeTree: a canonical toolkit for mitochondrial <scp>DNA</scp> analyses in domesticated animals. Molecular Ecology Resources, 2015, 15, 1238-1242.	2.2	45

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55	Genomic consequences of population decline in critically endangered pangolins and their demographic histories. National Science Review, 2020, 7, 798-814.	4.6	45
56	Population Genomics Analysis Revealed Origin and High-altitude Adaptation of Tibetan Pigs. Scientific Reports, 2019, 9, 11463.	1.6	44
57	Asymmetric biotic interchange across the Bering land bridge between Eurasia and North America. National Science Review, 2019, 6, 739-745.	4.6	43
58	Genomic and transcriptomic investigations of the evolutionary transition from oviparity to viviparity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3646-3655.	3.3	43
59	An Evolutionary Genomic Perspective on the Breeding of Dwarf Chickens. Molecular Biology and Evolution, 2017, 34, 3081-3088.	3.5	42
60	Protein polymorphism and genetic divergence in slow loris (genusNycticebus). Primates, 1998, 39, 79-84.	0.7	41
61	Comparative population genomics reveals genetic basis underlying body size of domestic chickens. Journal of Molecular Cell Biology, 2016, 8, 542-552.	1.5	41
62	Whole-Genome Sequencing of African Dogs Provides Insights into Adaptations against Tropical Parasites. Molecular Biology and Evolution, 2018, 35, 287-298.	3.5	41
63	Domestication of the Dog from the Wolf Was Promoted by Enhanced Excitatory Synaptic Plasticity: A Hypothesis. Genome Biology and Evolution, 2014, 6, 3115-3121.	1.1	38
64	Out of Southern East Asia of the Brown Rat Revealed by Large-Scale Genome Sequencing. Molecular Biology and Evolution, 2018, 35, 149-158.	3.5	36
65	Proteomic analysis of the skin of Chinese giant salamander (Andrias davidianus). Journal of Proteomics, 2015, 119, 196-208.	1.2	35
66	Origin of Chinese Goldfish and Sequential Loss of Genetic Diversity Accompanies New Breeds. PLoS ONE, 2013, 8, e59571.	1.1	33
67	iDog: an integrated resource for domestic dogs and wild canids. Nucleic Acids Research, 2019, 47, D793-D800.	6.5	33
68	Phylogenetic Relationships of Macaques as Inferred from Restriction Endonuclease Analysis of Mitochondrial DNA. Folia Primatologica, 1993, 60, 7-17.	0.3	32
69	A Phylogeny of Chinese Leaf Monkeys Using Mitochondrial ND3-ND4 Gene Sequences. International Journal of Primatology, 1997, 18, 305-320.	0.9	30
70	The giant panda (Ailuropoda melanoleuca) somatic nucleus can dedifferentiate in rabbit ooplasm and support early development of the reconstructed egg. Science in China Series C: Life Sciences, 1999, 42, 346-353.	1.3	30
71	Structural variation during dog domestication: insights from gray wolf and dhole genomes. National Science Review, 2019, 6, 110-122.	4.6	30
72	Mitochondrial DNA variation, effective female population size and population history of the endangered Chinese sturgeon, Acipenser sinensis. Conservation Genetics, 2003, 4, 673-683.	0.8	29

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73	Phylogeny of the Cyrtodactylus irregularis species complex (Squamata: Gekkonidae) from Vietnam with the description of two new species . Zootaxa, 2013, 3737, 399.	0.2	29
74	DNA methylation signatures of long intergenic noncoding RNAs in porcine adipose and muscle tissues. Scientific Reports, 2015, 5, 15435.	1.6	29
75	Comparative genome anatomy reveals evolutionary insights into a unique amphitriploid fish. Nature Ecology and Evolution, 2022, 6, 1354-1366.	3.4	29
76	Drosophila subpulchrella, a new species of the Drosophila suzukii species subgroup from Japan and China (Diptera: Drosophilidae). Entomological Science, 2006, 9, 121-128.	0.3	28
77	â€œOut of Pollenâ€•Hypothesis for Origin of New Genes in Flowering Plants: Study from Arabidopsis thaliana. Genome Biology and Evolution, 2014, 6, 2822-2829.	1.1	28
78	A Matrilineal Genetic Legacy from the Last Glacial Maximum Confers Susceptibility to Schizophrenia in Han Chinese. Journal of Genetics and Genomics, 2014, 41, 397-407.	1.7	28
79	Evolutionary and Functional Novelty of Pancreatic Ribonuclease: a Study of Musteloidea (order) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	28
80	Genome-wide genetic structure and selection signatures for color in 10 traditional Chinese yellow-feathered chicken breeds. BMC Genomics, 2020, 21, 316.	1.2	27
81	Ancient inland human dispersals from Myanmar into interior East Asia since the Late Pleistocene. Scientific Reports, 2015, 5, 9473.	1.6	26
82	Hybrid assembly of ultra-long Nanopore reads augmented with 10x-Genomics contigs: Demonstrated with a human genome. Genomics, 2019, 111, 1896-1901.	1.3	26
83	Evolutionary analysis and lineage designation of SARS-CoV-2 genomes. Science Bulletin, 2021, 66, 2297-2311.	4.3	26
84	Electrochemical sensor for human norovirus based on covalent organic framework/pillararene heterosupramolecular nanocomposites. Talanta, 2022, 237, 122896.	2.9	26
85	Barcoding utility in a mega-diverse, cross-continental genus: keeping pace with Cyrtodactylus geckos. Scientific Reports, 2017, 7, 5592.	1.6	24
86	Molecular phylogenetic systematics of twelve species of Acipenseriformes based on mtDNAND4Lâ€”ND4 gene sequence analysis. Science in China Series C: Life Sciences, 2000, 43, 129-137.	1.3	23
87	Low genetic variation of Penaeus chinensis as revealed by mitochondrial COI and 16S rRNA gene sequences. Biochemical Genetics, 2001, 39, 279-284.	0.8	23
88	Phylogeographic analysis of mitochondrial DNA haplogroup F2 in China reveals T12338C in the initiation codon of the ND5 gene not to be pathogenic. Journal of Human Genetics, 2004, 49, 414-423.	1.1	23
89	Genetic consequences of postglacial colonization by the endemic Yarkand hare (Lepus yarkandensis) of the arid Tarim Basin. Science Bulletin, 2011, 56, 1370-1382.	1.7	23
90	A genome draft of the legless anguid lizard, Ophisaurus gracilis. GigaScience, 2015, 4, 17.	3.3	23

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91	Draft genome of the gayal, Bos frontalis. GigaScience, 2017, 6, 1-7.	3.3	23
92	Molecular phylogeny of European and African Barbus and their West Asian relatives in the Cyprininae (Teleostei: Cypriniformes) and orogenesis of the Qinghai-Tibetan Plateau. Science Bulletin, 2013, 58, 3738-3746.	1.7	22
93	Genetic variations associated with six-white-point coat pigmentation in Diannan small-ear pigs. Scientific Reports, 2016, 6, 27534.	1.6	22
94	Large-scale genomic analysis reveals the genetic cost of chicken domestication. BMC Biology, 2021, 19, 118.	1.7	22
95	The twin-beginnings of COVID-19 in Asia and Europeâ€”one prevails quickly. National Science Review, 2022, 9, nwab223.	4.6	22
96	Mitochondrial genomes uncover the maternal history of the Pamir populations. European Journal of Human Genetics, 2018, 26, 124-136.	1.4	21
97	The Origin and Population History of the Endangered Golden Snub-Nosed Monkey (Rhinopithecus) Tj ETQq1 1 0.784314 rgBT /Over	3.5	20
98	TNF -308 G/A Polymorphism and Risk of Acne Vulgaris: A Meta-Analysis. PLoS ONE, 2014, 9, e87806.	1.1	20
99	The high diversity of SARS-CoV-2-related coronaviruses in pangolins alters potential ecological risks. Zoological Research, 2021, 42, 833-843.	0.9	20
100	A parallel mechanism underlying frizzle in domestic chickens. Journal of Molecular Cell Biology, 2018, 10, 589-591.	1.5	19
101	Dog10K_Boxer_Tasha_1.0: A Long-Read Assembly of the Dog Reference Genome. Genes, 2021, 12, 847.	1.0	19
102	å^©ç”¨åŸºå›„å¦‚è½¬å½•ç»„å¦†æžæŒ–æŽ˜ä¸Žå·²é©¯é¦ ™çŒªæ—©ç†Ÿç›¸å…³çš„å€™é€‰åŸºå›. Zoological Research, 2018, 39	1.9	19
103	Non-invasive giant panda paternity exclusion. Zoo Biology, 1994, 13, 569-573.	0.5	18
104	Association of disease-predisposition polymorphisms of the melatonin receptors and sunshine duration in the global human populations. Journal of Pineal Research, 2010, 48, 133-141.	3.4	18
105	Polyploidization and epigenetics. Science Bulletin, 2011, 56, 245-252.	1.7	18
106	Evaluating the association betweenCACNA1Crs1006737 and schizophrenia risk: A meta-analysis. Asia-Pacific Psychiatry, 2015, 7, 260-267.	1.2	18
107	On the origin of SARS-CoV-2â€”The blind watchmaker argument. Science China Life Sciences, 2021, 64, 1560-1563.	2.3	18
108	The Updated Phylogenies of the Phasianidae Based on Combined Data of Nuclear and Mitochondrial DNA. PLoS ONE, 2014, 9, e95786.	1.1	18

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109	Was chicken domesticated in northern China? New evidence from mitochondrial genomes. Science Bulletin, 2018, 63, 743-746.	4.3	17
110	Title is missing!. Conservation Genetics, 2003, 4, 109-112.	0.8	16
111	Isolation and characterization of microsatellite markers for the endangered Taxus yunnanensis. Conservation Genetics, 2008, 9, 1683-1685.	0.8	16
112	Riddle of the giant pandav. Nature, 1991, 352, 573-573.	13.7	15
113	Genetic diversity and divergence in Chinese yak (Bos grunniens) populations inferred from blood protein electrophoresis. Biochemical Genetics, 1997, 35, 13-16.	0.8	15
114	A High Polymorphism Level in Rhinopithecus roxellana. International Journal of Primatology, 2009, 30, 337-351.	0.9	15
115	Pattern of Mutation Rates in the Germline of Drosophila melanogaster Males from a Large-Scale Mutation Screening Experiment. G3: Genes, Genomes, Genetics, 2014, 4, 1503-1514.	0.8	15
116	Caveats about interpretation of ancient chicken mtDNAs from northern China. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1970-1.	3.3	15
117	The prion protein gene polymorphisms associated with bovine spongiform encephalopathy susceptibility differ significantly between cattle and buffalo. Infection, Genetics and Evolution, 2015, 36, 531-538.	1.0	15
118	Maternal genomic variability of the wild boar (Sus scrofa) reveals the uniqueness of Eastâ€Caucasian and Central Italian populations. Ecology and Evolution, 2019, 9, 9467-9478.	0.8	15
119	Title is missing!. Conservation Genetics, 2001, 2, 391-395.	0.8	14
120	Transcriptomes reveal the genetic mechanisms underlying ionic regulatory adaptations to salt in the crab-eating frog. Scientific Reports, 2015, 5, 17551.	1.6	14
121	Rapid Evolution of Genes Involved in Learning and Energy Metabolism for Domestication of the Laboratory Rat. Molecular Biology and Evolution, 2017, 34, 3148-3153.	3.5	14
122	Comparative population genomic analysis uncovers novel genomic footprints and genes associated with small body size in Chinese pony. BMC Genomics, 2020, 21, 496.	1.2	14
123	Discovery of a wild, genetically pure Chinese giant salamander creates new conservation opportunities. Zoological Research, 2022, 43, 469-480.	0.9	14
124	Mitochondria1 cytochromeb sequences variation of Protura and molecular systematics of Apterygota. Science Bulletin, 1999, 44, 2031-2036.	1.7	13
125	Ultrasensitive electrochemical detection of Dicer1 3â€²UTR for the fast analysis of alternative cleavage and polyadenylation. Nanoscale, 2017, 9, 4272-4282.	2.8	13
126	Genetic Diversity and Population Structure of East Asian Raccoon Dog (Nyctereutes) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (pro 249-259.	0.3	13

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127	Tracing the Genetic Legacy of the Tibetan Empire in the Balti. Molecular Biology and Evolution, 2021, 38, 1529-1536.	3.5	13
128	Balancing Selection on CDH2 May Be Related to the Behavioral Features of the Belgian Malinois. PLoS ONE, 2014, 9, e110075.	1.1	13
129	Integrative analyses of RNA editing, alternative splicing, and expression of young genes in human brain transcriptome by deep RNA sequencing. Journal of Molecular Cell Biology, 2015, 7, 314-325.	1.5	12
130	Divergence of dim-light vision among bats (order: Chiroptera) as estimated by molecular and electrophysiological methods. Scientific Reports, 2015, 5, 11531.	1.6	12
131	Identification of HNF4A Mutation p.T130I and HNF1A Mutations p.I27L and p.S487N in a Han Chinese Family with Early-Onset Maternally Inherited Type 2 Diabetes. Journal of Diabetes Research, 2016, 2016, 1-8.	1.0	12
132	Annotating long intergenic non-coding RNAs under artificial selection during chicken domestication. BMC Evolutionary Biology, 2017, 17, 192.	3.2	12
133	Phenotypic and morphometric differentiation of indigenous chickens from Kenya and other tropical countries augments perspectives for genetic resource improvement and conservation. Poultry Science, 2019, 98, 2747-2755.	1.5	12
134	Defining Individual-Level Genetic Diversity and Similarity Profiles. Scientific Reports, 2020, 10, 5805.	1.6	12
135	Identification of monozygotic twin chimpanzees by microsatellite analysis. American Journal of Primatology, 2000, 52, 101-106.	0.8	11
136	Mitochondrial cytochrome b gene sequence diversity in the Korean hare, Lepus coreanus Thomas (Mammalia, Lagomorpha). Biochemical Genetics, 2001, 39, 417-429.	0.8	11
137	Microsatellite polymorphisms of Sichuan golden monkeys. Science Bulletin, 2005, 50, 2850-2855.	1.7	11
138	Integrative analysis of young genes, positively selected genes and lncRNAs in the development of Drosophila melanogaster. BMC Evolutionary Biology, 2014, 14, 241.	3.2	11
139	PigVar: a database of pig variations and positive selection signatures. Database: the Journal of Biological Databases and Curation, 2017, 2017, .	1.4	11
140	A cryptic mitochondrial DNA link between North European and West African dogs. Journal of Genetics and Genomics, 2017, 44, 163-170.	1.7	11
141	The evolutionary genetics of lactase persistence in seven ethnic groups across the Iranian plateau. Human Genomics, 2019, 13, 7.	1.4	11
142	Molecular evolution study in China: progress and future promise. Philosophical Transactions of the Royal Society B: Biological Sciences, 2007, 362, 973-986.	1.8	10
143	A new genus of anthophilous drosophilids, Impatiophila (Diptera, Drosophilidae): morphology, DNA barcoding and molecular phylogeny, with descriptions of thirty-nine new species. Zootaxa, 2016, 4120, 1.	0.2	10
144	Genetic variation of Nigerian cattle inferred from maternal and paternal genetic markers. PeerJ, 2021, 9, e10607.	0.9	10

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145	Best practices for analyzing imputed genotypes from low-pass sequencing in dogs. Mammalian Genome, 2022, 33, 213-229.	1.0	10
146	Extraction, PCR amplification, and sequencing of mitochondrial DNA from scent mark and feces in the giant panda. Zoo Biology, 1998, 17, 499-504.	0.5	9
147	Title is missing!. Biochemical Genetics, 2000, 38, 147-153.	0.8	9
148	Blood protein polymorphism in B. frontalis, B. grunniens, B. taurus, and B. indicus. Biochemical Genetics, 2000, 38, 413-416.	0.8	9
149	Sequence of mitochondrial DNA cytochrome oxidase II inCryptopygus nanjiensis and Phylogeny of Apterygota. Science in China Series C: Life Sciences, 2000, 43, 589-596.	1.3	9
150	Gene duplication plays a major role in gene co-option: Studies into the evolution of the motilin/ghrelin family and their receptors. Science Bulletin, 2011, 56, 2690-2697.	1.7	9
151	Retrieving Y chromosomal haplogroup trees using GWAS data. European Journal of Human Genetics, 2014, 22, 1046-1050.	1.4	9
152	Mitochondrial <scp>DNA</scp> variation of <scp>N</scp>igerian domestic helmeted guinea fowl. Animal Genetics, 2015, 46, 576-579.	0.6	9
153	A Positive Correlation between Elevated Altitude and Frequency of Mutant Alleles at the EPAS1 and HBB Loci in Chinese Indigenous Dogs. Journal of Genetics and Genomics, 2015, 42, 173-177.	1.7	9
154	Dog10K: the International Consortium of Canine Genome Sequencing. National Science Review, 2019, 6, 611-613.	4.6	9
155	Genomes reveal selective sweeps in kiang and donkey for high-altitude adaptation. Zoological Research, 2021, 42, 450-460.	0.9	9
156	Potential dual expansion of domesticated donkeys revealed by worldwide analysis on mitochondrial sequences. Zoological Research, 2020, 41, 51-60.	0.9	9
157	Genome-wide identification of imprinted genes in pigs and their different imprinting status compared with other mammals. Zoological Research, 2020, 41, 721-725.	0.9	9
158	The geographical distribution of grey wolves () in China: a systematic review. Zoological Research, 2016, 37, 315-326.	0.9	9
159	Pitfalls in the analysis of ancient human mtDNA. Science Bulletin, 2003, 48, 826-830.	1.7	8
160	Reconciling the conflicts between mitochondrial DNA haplogroup trees of Canis lupus. Forensic Science International: Genetics, 2016, 23, 83-85.	1.6	8
161	DNA barcoding reveals commercial fraud related to yak jerky sold in China. Science China Life Sciences, 2016, 59, 106-108.	2.3	8
162	The origin of chow chows in the light of the East Asian breeds. BMC Genomics, 2017, 18, 174.	1.2	8

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163	Analysis of the genetic variation in mitochondrial DNA, Y-chromosome sequences, and MC1R sheds light on the ancestry of Nigerian indigenous pigs. Genetics Selection Evolution, 2017, 49, 52.	1.2	8
164	Higherâ€level phylogenetic affinities of the Neotropical genusMastigodryasAmaral, 1934 (Serpentes: Colubridae), speciesâ€group definition and description of a new genus forMastigodryas bifossatus. Journal of Zoological Systematics and Evolutionary Research, 2019, 57, 205-239.	0.6	8
165	Canine transmissible venereal tumor genome reveals ancient introgression from coyotes to pre-contact dogs in North America. Cell Research, 2019, 29, 592-595.	5.7	7
166	Integrating Genomic and Transcriptomic Data to Reveal Genetic Mechanisms Underlying Piao Chicken Rumpless Trait. Genomics, Proteomics and Bioinformatics, 2021, 19, 787-799.	3.0	7
167	Whole-Genome Sequencing Reveals Lactase Persistence Adaptation in European Dogs. Molecular Biology and Evolution, 2021, 38, 4884-4890.	3.5	7
168	Initiation of the Primate Genome Project. Zoological Research, 2022, 43, 147-149.	0.9	7
169	Questioning the evidence for a Central Asian domestication origin of dogs. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2554-5.	3.3	6
170	Olfactory genes in Tibetan wild boar. Nature Genetics, 2016, 48, 972-973.	9.4	6
171	A sodium channel inhibitor ISTX-I with a novel structure provides a new hint at the evolutionary link between two toxin folds. Scientific Reports, 2016, 6, 29691.	1.6	6
172	Understanding the cryptic introgression and mixed ancestry of Red Junglefowl in India. PLoS ONE, 2018, 13, e0204351.	1.1	6
173	Genomic Approaches Reveal an Endemic Subpopulation of Gray Wolves in Southern China. IScience, 2019, 20, 110-118.	1.9	6
174	Artificial selection drives differential gene expression during pig domestication. Journal of Genetics and Genomics, 2019, 46, 97-100.	1.7	6
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176	Genomic Analyses Unveil Helmeted Guinea Fowl (Numida meleagris) Domestication in West Africa. Genome Biology and Evolution, 2021, 13, .	1.1	6
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